

IDAHO STANDARDS ACHIEVEMENT TESTS

Mathematics

Test Blueprint - Grade 5

Grade	Standard	Goal	Objective Assessed	Mathematics Distribution	
5	1 Number and Operation	1.1 Understand and use numbers	1.1.1 1.1.2 1.1.4 1.1.5 1.1.6	29-33%	
		1.2 Perform computations accurately	1.2.2 1.2.3 1.2.4 1.2.5 1.2.7		
	2 Concepts and Principles of Measurement	2.1 Understand and use customary and metric measurements	2.1.1 2.1.2 2.1.3 2.1.4 2.1.5 2.1.6 2.1.7 2.1.8	13-18%	
	3 Concepts and Language of Algebra and Functions	3.1 Use algebraic symbolism as a tool to represent mathematical relationships	3.1.1 3.1.2 3.1.3 3.1.4	18-22%	
		3.2 Evaluate algebraic expressions	3.2.1		
		3.3 Solve algebraic equations and inequalities	3.3.1		
		3.4 Understand the concept of functions	3.4.1		
		3.6 Use patterns to represent problems	3.6.1		
	4 Concepts and Principles of Geometry	4.1 Apply concepts of size, shape, and spatial relationships	4.1.1 4.1.2 4.1.3 4.1.4 4.1.5	16-20%	
		4.3 Apply graphing in two dimensions	4.3.1		
	5 Data Analysis, Probability, and Statistics	5.1 Understand data analysis	5.1.1	13-16%	
		5.2 Collect, organize, and display data	5.2.1		
		5.3 Apply simple statistical measurements	5.3.1 5.3.2		
		5.4 Understand basic concepts of probability	5.4.1		
		5.5 Make predictions or decisions based on data	5.5.1		
					Total = 100%